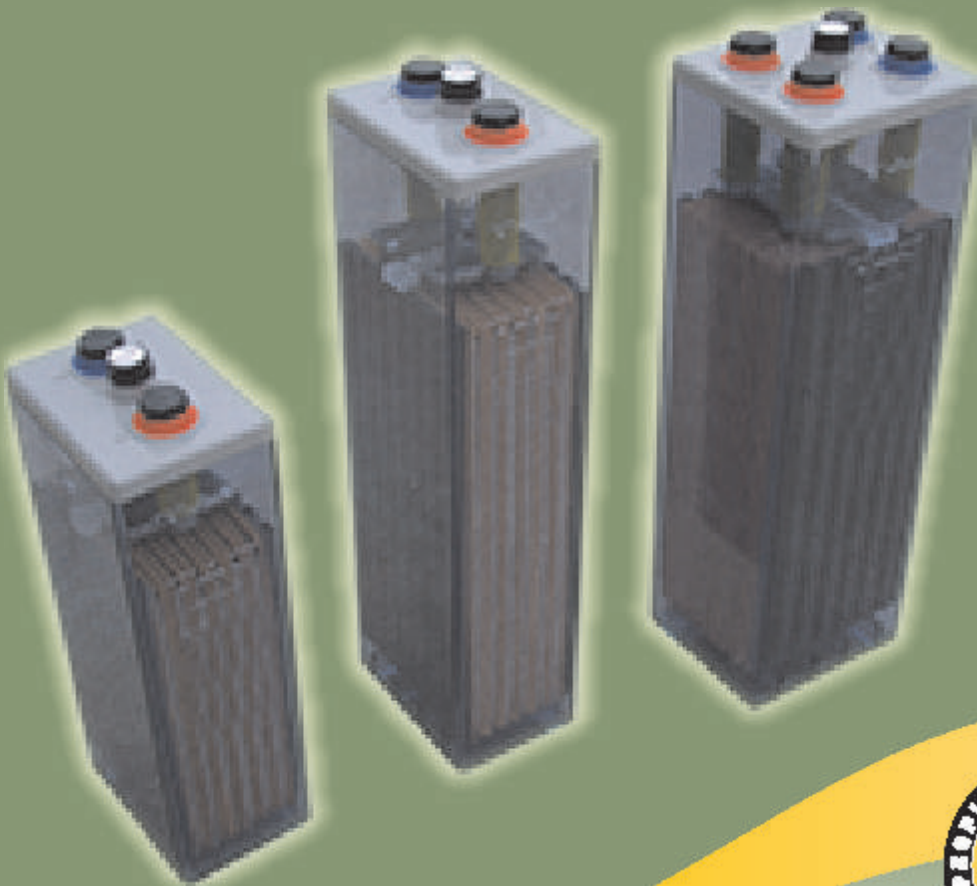


## Stationary Cells



**UNIK TECHNO SYSTEMS PVT. LTD.**

W-251, MIDC. Bhosari, Pune - 411 026. INDIA. TEL.: +91-20-27110868. FAX: +91-20-27111798.

Email: [info@unikautomation.com](mailto:info@unikautomation.com) Visit us at: [www.unikbatteries.com](http://www.unikbatteries.com)

## UNIK Stationary Cells for Solar Photovoltaic Systems

Sr. No.	Type	Capacity AH		Cell Dimensions approx in mm (L) x (W) x (H) A / B	Cell Dry Wt. Kgs.	Cell Filled Wt. Kgs.	Acid Volume Ltrs.
		C10	C120				
		Final Voltage 1.80 V	Final Voltage 1.85 V				
1	2 UDS 50 SOL	100	150	103 x 206 x 345/450	8.600	13.600	4.0
2	3 UDS 50 SOL	150	225	103 x 206 x 345/450	10.700	15.100	3.6
3	4 UDS 50 SOL	200	300	103 x 206 x 345/450	12.500	16.600	3.4
4	5 UDS 50 SOL	250	375	124 x 206 x 345/450	14.900	20.000	4.4
5	6 UDS 50 SOL	300	450	145 x 206 x 345/450	17.700	23.200	4.5
6	5 UDS 70 SOL	350	525	124 x 206 x 460/580	20.600	27.600	5.7
7	6 UDS 70 SOL	420	630	145 x 206 x 460/580	23.500	32.300	7.3
8	7 UDS 70 SOL	490	735	166 x 206 x 460/580	28.100	38.400	8.4
9	6 UDS 100 SOL	600	900	145 x 206 x 636/730	31.100	43.500	13.1
10	8 UDS 100 SOL	800	1200	191 x 210 x 636/730	44.200	59.800	14.2
11	10 UDS 100 SOL	1000	1500	233 x 210 x 636/730	51.100	71.000	16.5
12	12 UDS 100 SOL	1200	1800	275 x 210 x 636/730	66.600	90.000	19.6
13	12 UDS 125 SOL	1500	2250	275 x 210 x 762/880	86.000	118.000	25.6
14	16 UDS 125 SOL	2000	3000	399 x 214 x 762/880	108.000	153.000	36.5
15	20 UDS 125 SOL	2500	3750	487 x 214 x 762/880	130.000	185.000	45.4

A : Container Height

B : Overall Cell Height

Sp. Gr. of operation 1.245 +/- 0.005 at 27 deg. C

### UNIK TECHNO SYSTEMS PVT. LTD.

W-251, MIDC. Bhosari, Pune - 411 026. INDIA. TEL.: +91-20-27110868. FAX: +91-20-27111798.

Email: [info@unikautomation.com](mailto:info@unikautomation.com) Visit us at: [www.unikbatteries.com](http://www.unikbatteries.com)

## UNIK Stationary Cells for UPS Systems

Sr. No.	Type	Voltage & Capacity	No. of Terminals Per Cell		Dimensions in mm			Cell Dry Wt. Kgs.	Cell Filled Wt. Kgs.	Acid Volume Ltrs.
			+ve	-ve	L	W	H			
1	2 U DS 50	2 V 100 AH	1	1	103	206	420	8.600	13.500	4.0
2	3 U DS 50	2 V 150 AH	1	1	103	206	420	10.700	15.200	3.6
3	4 U DS 50	2 V 200 AH	1	1	103	206	420	12.500	16.716	3.4
4	5 U DS 50	2 V 250 AH	1	1	124	206	420	14.900	20.356	4.4
5	6 U DS 50	2 V 300 AH	1	1	145	206	420	17.700	23.280	4.5
6	5 U DS 70	2 V 350 AH	1	1	124	206	570	20.600	27.668	5.7
7	6 U DS 70	2 V 420 AH	1	1	145	206	570	23.500	32.552	7.3
8	7 U DS 70	2 V 490 AH	1	1	166	206	570	28.100	38.516	8.4
9	6 U DS 100	2 V 600 AH	1	1	145	206	745	31.100	47.344	13.1
10	8 U DS 100	2 V 800 AH	2	2	191	210	745	44.200	61.808	14.2
11	10 U DS 100	2 V 1000 AH	2	2	233	210	745	51.000	71.584	16.6
12	12 U DS 100	2 V 1200 AH	2	2	275	210	745	66.600	90.904	19.6
13	12 U DS 125	2 V 1500 AH	2	2	275	210	895	86.000	118.000	25.5
14	14 U DS 125	2 V 1750 AH	3	3	397	212	870	103.000	149.500	37.5
15	16 U DS 125	2 V 2000 AH	3	3	397	212	870	108.000	153.000	36.5
16	20 U DS 125	2 V 2500 AH	4	4	487	212	870	130.000	185.000	45.4
17	24 U DS 125	2 V 3000 AH	4	4	576	212	870	160.000	228.000	56.0
18	28 U DS 125	2 V 3500 AH	4	4	576	212	880	170.000	242.000	54.0

Sp. Gr. of operation / Testing 1.240 +/- 0.005 at 27 deg. C

Cells in above capacities meeting the following criteria available for the Indian market

### Relationship between capacity and discharge rate w.r.t. time

Hours	10	9	8	7	6	5	4	3	2	1
Capacity %	100	97.9	95.0	91.7	87.9	83.3	78.2	71.7	63.3	50.0
Final Voltage	1.85	1.84	1.84	1.83	1.83	1.82	1.81	1.80	1.78	1.75

## UNIK TECHNO SYSTEMS PVT. LTD.

W-251, MIDC. Bhosari, Pune - 411 026. INDIA. TEL.: +91-20-27110868. FAX: +91-20-27111798.

Email: [info@unikautomation.com](mailto:info@unikautomation.com) Visit us at: [www.unikbatteries.com](http://www.unikbatteries.com)

## Applications

- ❑ Solar photovoltaic power generation systems
- ❑ Large uninterrupted power systems (UPS / EPS & Inverters)
- ❑ Stand by power for critical generating power stations
- ❑ Switching systems
- ❑ Stand by power source in substations
- ❑ Main telephone exchanges
- ❑ Rural automatic telephone exchanges
- ❑ Signalling & telecommunication systems
- ❑ Satellite communication systems
- ❑ Power supply for instrumentation systems

## Salient Features

- ❑ Transparent containers for visual inspection & maintenance
- ❑ Low maintenance, instant installation and eco-friendly
- ❑ Minimum loss of capacity on storage in idle condition
- ❑ Excellent charge acceptance characteristics
- ❑ Long service life on float charging mode
- ❑ Compact and sleek in addition to aesthetic appearance
- ❑ Proven design providing reliable power supply
- ❑ High Discharge performance cells can be offered on specific request based on customer's needs